Electronic Acknowledgement Receipt		
EFS ID:	4410513	
Application Number:	10649862	
International Application Number:		
Confirmation Number:	6352	
Title of Invention:	Method and apparatus for I/Q imbalance estimation	
First Named Inventor/Applicant Name:	Der-Zheng Liu	
Customer Number:	23995	
Filer:	Daniel R. McClure/Brooke French	
Filer Authorized By:	Daniel R. McClure	
Attorney Docket Number:	TOP 312	
Receipt Date:	08-DEC-2008	
Filing Date:	28-AUG-2003	
Time Stamp:	12:29:20	
Application Type:	Utility under 35 USC 111(a)	

# **Payment information:**

Submitted with Payment	no
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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		00827620.PDF	145891	yes	4
'			277ea3867a9bae35cca2ee4d0f9619fc2b04 b220		

Multipart Description/PDF files in .zip description			
Document Description		End	
Power of Attorney	1	2	
Assignee showing of ownership per 37 CFR 3.73(b).	3	4	

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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.